Date: Sat, 11 Sep 93 04:30:20 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V93 #38
To: Ham-Equip

Ham-Equip Digest Sat, 11 Sep 93 Volume 93 : Issue 38

Today's Topics:

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

Date: Fri, 10 Sep 1993 20:06:38 GMT
From: news.cerf.net!pagesat!spssig.spss.com!feenix.metronet.com!
marcbg@network.ucsd.edu
Subject: Mirage D3010 UHF Amp for sale (repost)
To: ham-equip@ucsd.edu

Repost:

Need to sell!

One Mirage D3010 UHF amp w/preamp.
30 watts in, 100 watts out
FM/SSB
12 volt operation
Excellent condition

$250 shipping included obo

reply via email or by landline.

--

Marc B. Grant, N5MEI | marcbg@feenix.metronet.com | 214/231-3998 (voice)
P.O Box 850472 | marcbg@esy.com | 214/231-0025 (fax)
Richardson, TX 75085 |

Date: Fri, 10 Sep 1993 17:43:15 GMT
From: newshub.nosc.mil!crash!news.cerf.net!usc!howland.reston.ans.net!
newsserver.jvnc.net!udel!gvls1!rossi@network.ucsd.edu
Subject: Modify Heathkit SB series for 160 meters & WARC bands ?
To: ham-equip@ucsd.edu

I have an old Heathkit SB-400 sitting in my basement that works but I have
little use for as is. The market for these seems to be limited.

I have always wanted to get on 160 meters and was thinking of putting
this old transmitter to use by modifying it to cover 160 meters and/or
one or more of the WARC bands.

The 2 bands that I am most interested in right now are 160 and 17 meters.

I have not worked out all of the gory details but I would think that for
the most part all that the mod would require is:

- Change the HET OSC crystal and coil for 2 of the band positions.
  Most likely 3.5 and the 14.0 MHz bands would be used.
- Change the DRIVER grid and plate coils/cap for these band positions.
- Adding additional inductance to the final tank for 160 and move
  the 14 MHz tank tap for 17 meters.
- Switch in additional tune and load capacitors for 160.
- Possibly increase inductance of the final plate choke for 160 meters.
  (I hope I don't have to do this)

If this works I may want to consider expanding the mod for 30 and 12 meters
too. Ultimately I was thinking along the lines of something like:

OLD BAND	becomes	NEW BAND
3.5	----->	1.8
7.0	----->	10.0
14.0	----->	18.0
21.0	----->	24.0
28.0	----->	28.0 (same)
28.5	----->	28.5 (same)
29.0	----->	29.0 (same)
29.5	----->	29.5 (same)

I have not gone through the details yet to make sure there will be no
unwanted or undesirable new mixing products that may require additional

traps/filters to be added and/or other side effects but hopefully they
will be minimal.

All in all it seems like it should be a fairly easy to to get something
that will cover these bands. I already have a receiver that will cover
these bands.

Anyone ever done anything like this?

==
Pete Rossi - WA3NNA   rossi@vfl.paramax.COM

Unisys Corporation - Government Systems Group
Valley Forge Engineering Center - Paoli, Pennsylvania
==

Date: 10 Sep 93 13:42:29 GMT
From: ogicse!uwm.edu!linac!mgweed!cbnewsk!cbnewsj!ker@network.ucsd.edu
To: ham-equip@ucsd.edu

References <1993Sep2.210417.4491@njitgw.njit.edu>,
<CCzsLv.Gw0@cbnewsj.cb.att.com>, <BAT.93Sep8160953@gdstech.GRUMMAN.COM>/
Subject : Re: IC229H low audio problem

In article <BAT.93Sep8160953@gdstech.GRUMMAN.COM> bat@gdstech.GRUMMAN.COM (Pat
Masterson) writes:
>>This seems to be a common problem with ICOM radios. The answer is
>>to open up the radio and turn up the mic gain/deviation.
>
> NOT TRUE. As I said in an earlier post, the 229 has a problem
>with the zener diode accross the electret. Call Icom, they will
>give you the correct fix. -pat
>--

Does this zener problem affect other ICOM radios with the same mike? I have
a 2410 with a HM-56A microphone.

End of Ham-Equip Digest V93 #38
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